

# OPERATING SYSTEM LABORATORY WORK

## JAVA INTRODUCTION



By :

Nadia Zerlinda T. P.

L200194009

FACULTY OF COMMUNICATION AND INFORMATICS

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5.

```
Bochs for Windows - Console
001F0: 00 41 00 07 00 66 6A 00 E9 3B FF 00 00 55 AA .A... f3...U.

C:\OS\LAB\LAB1>type s.bat
..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc

C:\OS\LAB\LAB1>s
C:\OS\LAB\LAB1>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
000000000000i[APIC?] local apic in initializing
=====
Bochs x86 Emulator 2.3.5
Build from CVS snapshot, on September 16, 2007
=====
000000000000i[ ] reading configuration from bochsrc.bxrc
000000000000i[ ] installing win32 module as the Bochs GUI
000000000000i[ ] using log file bochsout.txt
# In bx_win32_gui.c:exit(void)
=====
Bochs is exiting with the following message:
[VGUI ] VMEB button turned off,
=====

C:\OS\LAB\LAB1>dosfp
C:\OS\LAB\LAB1>cd "..\..\Bochs-2.3.5\dos"
C:\OS\Bochs-2.3.5\dos>..\..\bochs -q -f bochsrc2.txt
000000000000i[APIC?] local apic in initializing
=====
Bochs x86 Emulator 2.3.5
Build from CVS snapshot, on September 16, 2007
=====
000000000000i[ ] reading configuration from bochsrc2.txt
000000000000i[ ] installing win32 module as the Bochs GUI
000000000000i[ ] using log file bochsout.txt
# In bx_win32_gui.c:exit(void)
=====
Bochs is exiting with the following message:
[VGUI ] Window closed, exiting!
=====
```

6.

```
Bochs for Windows - Console
[VGUI ] Window closed, exiting!
=====

Bochs is exiting. Press ENTER when you're ready to close this window.

C:\OS\Bochs-2.3.5\dos>cd "C:\os\lab\lab1"
C:\OS\LAB\LAB1>s
C:\OS\LAB\LAB1>..\..\bochs-2.3.5\bochs -q -f bochsrc.bxrc
000000000000i[APIC?] local apic in initializing
=====
Bochs x86 Emulator 2.3.5
Build from CVS snapshot, on September 16, 2007
=====
000000000000i[ ] reading configuration from bochsrc.bxrc
000000000000i[ ] installing win32 module as the Bochs GUI
000000000000i[ ] using log file bochsout.txt
=====
```

## STEPS AND EXPLANATION

1. cd OS : To retrieve OS files stored in Windows
2. Do setpath to access it
3. cd LAB/LAB1 : To call the LAB 1 folder in the LAB in the OS
4. make fp.disk : Create a storage folder
5. dir : Used to check what is stuck in LAB / LAB1
6. del floppy.a.img : To enter the data floppy.a.img
7. bxiimage : To find out how big the file size of floppy.a.img
8. dosp : To read the page of bochs for window
9. And format B yo insert new diskette for drive B
10. tdump boots.bin : show about files created
11. type s.bat : change the type to keyword s
12. Keyword s yo open bochs for window and turn off the power
13. dosfp •> format B/S :to make a new discette in B which is data from s